

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Zicheng Liu et al.

Appln. No. : 10/724,008

Filed : November 26, 2003

For : METHOD AND APPARATUS FOR  
MULTI-SENSORY SPEECH  
ENHANCEMENT

Docket No.: M61.12-0585

Group Art Unit: 2626

Examiner: Godbold

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

Electronically filed on  
August 15, 2007

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of US Patents and Publications.

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the European Patent Office in counterpart foreign application No. 04025457.5 filed October 26, 2004.

**TIME OF FILING**

An information disclosure statement is being filed by the applicant within any one of the following time periods:

1.  1. Within three month of the filing date of a national application other than a Continued Prosecution Application (CPA);  
2. Within three months of the date of entry of the National Stage international application;  
3. Before the mailing date of a first Office Action on the merits, or  
4. Before the mailing of a first Office Action after the filing of a Request for Continue Examination (RCE).
2.  after the time period specified in paragraph 1 above,

but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A.  a statement as specified in 37 C.F.R. § 1.97(e).
- B.  the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3.  after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. a statement as specified in 37 C.F.R. § 1.97(e); and
- B. the petition fee set forth in 37 C.F.R. § 1.17(p).

**STATEMENT**

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e) (1).

OR

that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37

C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

       No fee is required.  
x Fee in the amount of \$ 180.00.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

**METHOD OF PAYMENT**

       No fee is required.  
x Attached is a check in the amount of \$       .

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By:



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TMM:sew

FORM PTO-1449		Atty. Docket No.: M61.12-0585	Appl. No.: 10/724,008
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		First Named Inventor:	
		Zicheng Liu et al.	
		Filing Date	Group Art:
		November 26, 2003	2626

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	6,292,674	09/2001	Davis, Gerlad C.	455	550.1	
AB	7,190,797	03/2007	Johnston et al.	381	74	
AC						
AD						
AE						
AF						
AG						

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AH	JP 2000250577	14-09-00	Japan			Abstract
AI	JP 09284877	31-10-97	Japan			Abstract
AJ	JP 04245720	02-09-92	Japan			Abstract
AK	JP 2003143253	16-05-03	Japan			Abstract
AL	WO 2004/012477	05-02-04				X
AM	JP 08214391	20-08-96	Japan			Abstract

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Copy of the Written Opinion from Foreign Application Number SG 200500289-4, filed January 18, 2005.
AO	Copy of the Office Action from Foreign Application Number 121-2005, filed January 21, 2005.
AP	Copy of the European Search Report from foreign application No. 04025457.5 filed October 26, 2004.
AQ	Copy of the European Search Report from foreign application No. 05101071.8 filed February 14, 2005.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.